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| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>  |  | ATTORNEY'S DOCKET NUMBER<br><b>05259/HG</b>                          |
| INTERNATIONAL APPLICATION NO.<br><b>PCT/JP2004/008401</b>  |  | U.S. APPLICATION No. (If known - see 37 CFR 1.5)<br><b>10/533609</b> |
| INTERNATIONAL FILING DATE<br><b>9 JUNE 2004</b>  |  | PRIORITY DATE CLAIMED<br><b>7 OCTOBER 2003</b>                       |
| TITLE OF INVENTION<br><b>STAINLESS STEEL FOR PROTON-EXCHANGE MEMBRANE FUEL CELL SEPARATOR AND PROTON-EXCHANGE MEMBRANE FUEL CELL USING THE SAME</b>  |  |  |
| APPLICANT(S) FOR DO/EO/US<br><b>Shin ISHIKAWA; Kunio FUKUDA; Yasushi KATO; Osamu FURUKIMI; and Kenji TAKAO</b>   |  |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |  |  |
| <p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))</p> <p style="margin-left: 20px;">a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). (WO 2005/035816 A1, the publication of PCT/JP2004/008401 (30 pages))</p> <p style="margin-left: 20px;">b. <input type="checkbox"/> has been communicated by the International Bureau.</p> <p style="margin-left: 20px;">c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p style="margin-left: 20px;">a. <input checked="" type="checkbox"/> is attached hereto.</p> <p style="margin-left: 20px;">b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p style="margin-left: 20px;">a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</p> <p style="margin-left: 20px;">b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p style="margin-left: 20px;">c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p style="margin-left: 20px;">d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p>Items 11 to 20 below concern document(s) or information included:</p> <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment to remove multiple dependent claims</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information:</p> |  |  |

**JCO7 Rec'd PCT/PTO 29 APR 2005**

Copy of:

- (i) PCT REQUEST PCT/RO/101 (English)
- (ii) NOTIFICATION PCT/IB/304
- (iii) NOTIFICATION PCT/IB/301
- (iv) REQUEST FOR PUBLICATION OF ASSIGNMENT INFO.
- (v) 2 SHEETS DRAWINGS (FIGS. 1-2)

**Express Mail Label No. EV 478 459 268 US**

**Date of Deposit: April 29, 2005**

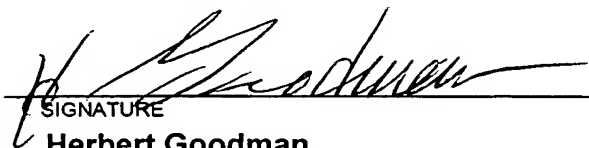
I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above with sufficient postage, and is addressed to the Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450

Lori Valdes

Under the Paperwork Reduction Act of 1995, no person is required to furnish information to the Patent and Trademark Office unless it displays a valid OMB control number.

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U.S. DEPARTMENT OF COMMERCE

|   |              |   |            |                                      |  |
|---|--------------|---|------------|--------------------------------------|--|
| U.S. APPLICATION NO. (if known, see 37 CFR 1.5)<br><b>10/533609</b>   |              | INTERNATIONAL APPLICATION NO.<br>PCT/JP2004/008401                            |            | ATTORNEY'S DOCKET NUMBER<br>05254/HG |  |
| 21. The following fees are submitted:   |              |   |            |                                      |  |
| <input checked="" type="checkbox"/> a) Basic national fee..... \$300.00   |              |   |            | \$                                   | 300.00   |
| <input checked="" type="checkbox"/> b) Examination fee..... \$200.00  |              |   |            | \$                                   | 200.00   |
| <input checked="" type="checkbox"/> c) Search fee..... \$500.00   |              |   |            | \$                                   | 500.00   |
| <b>TOTAL OF ABOVE CALCULATIONS = \$1000.00</b>  |              |   |            | \$                                   | 1000.00  |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  |              |   |            |                                      |  |
| Total Sheets  | Extra sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE       |                                      |  |
| - 100 =   | /50 =        |   | x \$250.00 | \$                                   | .00  |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).  |              |   |            | \$                                   | .00  |
| CLAIMS  | NUMBER FILED | NUMBER EXTRA  | RATE       | \$                                   |  |
| Total claims  | 31 - 20 =    | 11  | x \$50.00  | \$                                   | 550.00   |
| Independent claims  | 2 - 3 =      | 0   | x \$200.00 | \$                                   | .00  |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)   |              |   | + \$360.00 | \$                                   | .00  |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>  |              |   |            | \$                                   | 1.550.00   |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.  |              |   |            | \$                                   | .00  |
| <b>SUBTOTAL =</b>   |              |   |            | \$                                   | 1.550.00   |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).   |              |   |            | \$                                   | .00  |
| <b>TOTAL NATIONAL FEE =</b>   |              |   |            | \$                                   | 1.550.00   |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property  |              |   |            | \$                                   | .00  |
| <b>TOTAL FEES ENCLOSED =</b>  |              |   |            | \$                                   | 1.550.00   |
|   |              |   |            | Amount to be refunded:               | \$ .00   |
|   |              |   |            | Amount to be charged:                | \$ .00   |
| <p>a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>1.550.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>06-1378</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> |              |   |            |                                      |  |
| <p><b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <p><b>CUSTOMER NO. 01933</b><br/> Herbert Goodman<br/> Frishauf, Holtz, Goodman &amp; Chick P.C.<br/> 767 Third Avenue<br/> 25<sup>th</sup> Floor<br/> New York NY 10017-2023</p>   |              |   |            |                                      |  |
|   |              |   |            | SIGNATURE                            |  |
|   |              |   |            | NAME                                 | Herbert Goodman  |
|   |              |   |            | REGISTRATION NUMBER                  | 17,081   |